



Repeater: NØDX 145.190 MHz (Input 144.590 / Tone 192.8 Hz)


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## The Eastern Iowa DX Bulletin

Number 217, April 12, 2024

**Craig Fastenow, KØCF, Editor**

This bulletin is a compilation of **currently active** DX operations (or those that will become active within the current week) from recent issues of the three DX bulletins listed below and other sources. Credit for the source is given at the end of each article.

Articles are ordered by the entity's callsign prefix from the *ARRL DXCC Entities List*. Callsigns used are in **bold** with dates of operation highlighted in **red**. Clickable links are provided for QSL and other information wherever possible. Note that articles may be edited for grammar, language, style and accuracy and will remain in *The Bulletin* while active; articles that are announcements of ongoing operations, or that have no specified end date, will be removed after three weeks.

Also included is a [Propagation](#) section, updated daily; and a [Contest Calendar](#) of upcoming popular contests.

DX News items are courtesy of:

The ARRL DX Bulletin

The bulletin is available at <http://www.arrl.org>

425 DX News, A.R.I. DX Bulletin (425DXN)

Edited by Mauro Pregliasco, I1JQJ & Valeria Pregliasco, IK1ADH

425 DX News Home Page: <https://www.425dxn.org/>

425 DX News Google Group: <https://groups.google.com/g/425eng>

DX Newsletter (DXNL)

Edited by Andreas Salder, DK5ON

A weekly service of DARC Committee "DX", <http://www.darcdxhf.de>

Propagation data is from:

National Oceanic and Atmospheric Administration's

[Space Weather Prediction Center](#)

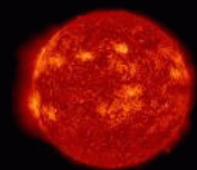
Dr. Tony Phillips' [SpaceWeather.com](http://www.SpaceWeather.com), used by permission

Contest data courtesy of the [WA7BNM Contest Calendar](#)



### Solar-Terrestrial Data

13 Apr 2024 1415 GMT  
 SFI: 152 SN: 101  
 A-Index: 6  
 K-Index: 1  
 X-Ray: C2.0  
 304Å: 155.4 @ SEM  
 Ptn Flx: 11  
 Elc Flx: 1520  
 Aurora: 1/n=1.99  
 Mag (Bz): 1.2  
 Solar Wind: 355.8  
 Geomag Field VR QUIET  
 Sig Noise Lvl S0-S1  
 Current Solar Image



<http://www.n0nbh.com>  
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## DX News

**3D2, FIJI.** Dom, 3Z9DX is QRV as **3D2AJT** from Nadi until April 30th. QSL via [ClubLog's OQRS](#).

-[ARRL DX Bulletin # 13 March 28, 2024] (0329-0503)

**3W, VIET NAM.** Alex, KU1CW is QRV as **3W9A** and has been active on 15 meters using FT8 around 1800z. QSL to [KU1CW](#).

-[ARRL DX Bulletin # 15 April 11, 2024] (0412-0503)

**6W, SENEGAL.** Willy, ON4AVT will be QRV as **6W7/ON4AVT** from Warang from February 3rd to April 16th. Activity is on 80 to 10 meters using SSB and various digital

modes, and on Satellite QO-100. QSL to [ON4AVT](#), [ClubLog's OQRS](#).

-[ARRL DX Bulletin # 5 February 1, 2024] (0202-0419)

**7Q, MALAWI.** Don, K6ZO, and Bill, KC4D, continue to operate as **7Q6M** and **7Q7WW** respectively **until May**. For QSL information see [7Q6M](#) and [7Q7WW](#) on qrz.com.

-[DXNL # 2401 April 10, 2024] (0412-0503)

**8Q, MALDIVES.** Tev, TA1HZ will be active holiday style as **8Q7HZ** from the Maldives (AS-013) on **April 6th-15th**. He will operate SSB and FT8/FT4 on 30, 20, 17, 15, 12 and 10 meters. QSOs will also be uploaded to ClubLog and eQSL. QSL via LoTW or direct to [8Q7HZ](#).

-[425DXN # 1717 March 30, 2024] (0405-0419)

**A6, UNITED ARAB EMIRATES.** In recognition of World Amateur Radio Day, the Emirates Amateur Radio Society will operate special callsign **A6ØWARD** from **April 15th to 24th**. Also expect activity by **A6ØWARD/Ø**, **A6ØWARD/1**, etc. QSL A6ØWARD via [EA7FTR](#). See <https://www.qrz.com/db/A6ØWARD> for the QSL routes for the various suffix extensions.

-[425DXN # 1718 April 6, 2024] (0412-0426)

**CARIBBEAN TOUR.** Mike, DF8AN, tours the Caribbean according to the following schedule:

**FS/DF8AN**, ST. MARTIN, **March 29th-30th**

**VP2V/DF8AN**, BRITISH VIRGIN IS. **March 30th to April 5th**

**V26MN**, ANTIGUA & BARBUDA, **April 5th-9th**

**VP2MMN**, MONTserrat, **April 9th-17th**

**V26MN**, ANTIGUA & BARBUDA, **April 17th-19th**

QRV on 160-6m, mostly on FT8 (1839, 3570, 5357, 7056, 10133, 14095, 18097, 21095, 24925, 28095 kHz), some RTTY and CW. QSL via [DF8AN](#), no LoTW.

-[DXNL # 2399 March 27, 2024] (0329-0419)

**CEØY, EASTER I.** Ben DL6FBL, Win DK9IP and Lutz DM6EE will be active from Easter Island (SA-001) from **April 18th to May 6th**. They had requested **CDØY**, but "due to some local incompatibilities in Chile, we probably have to change our callsign", they say. Updates will be posted to <https://www.qrz.com/db/CDØY>. They will operate SSB, FT8 and CW on 160-6 meters. On FT8 they will be using MSHV software ("stay above 1000 Hz when calling/working us"). Plans are to enable Club Log's Live Stream feature. QSL via ClubLog's OQRS (preferred), or via [DJ4MX](#).

-[425DXN # 1719 April 13, 2024] (0412-0510)

**CN, MOROCCO.** Special event station **CN99HR** will be QRV from **April 13th to 21st** to celebrate World Amateur Radio Day and the 99th anniversary of the founding of the International Amateur Radio Union. QSL direct to [CN8RAH](#).

-[ARRL DX Bulletin # 15 April 11, 2024] (0412-0419)

**DL, GERMANY.** Celebrating World Amateur Radio Day, DARC special event callsign **DA24WARD** will be active on **April 1st-30th**. All QSOs will be confirmed automatically via the bureau; direct cards via [DL2VFR](#).

-[425DXN # 1717 March 30, 2024] (0329-0503)

**DL, GERMANY.** The special event callsign **DAØRC** will be active around the FunkTag 2024 exhibition. QRV **until April 27th** with the special DOK FTK24. Sending a card is not necessary, as there will be an automatic bureau service and confirmations via the DARC's DCL system. Direct cards go only via [DL2VFR](#).

-[DXNL # 2396 March 6, 2024] (0308-0426)

**DL, GERMANY.** DARC Team SES will be active as **DL75AFUG**, **DL75AFUV** and **DP75AFUG** from **March 1st until April 30th** to mark the 75th anniversary of the first Amateurfunkgesetz (AfuG), the German amateur radio regulations that came into force

on March 23, 1949. A certificate will be available, see <https://www.qrz.com/db/DP75AFUG> for information. QSL automatically via the bureau, or direct to [DL2VFR](mailto:DL2VFR).

-[425DXN # 1713 March 2, 2024] (0301-0426)

**DXCC TOP TWENTY.** Here are the top 20 entities on ClubLog's "DXCC Most Wanted" list as of April 12, 2024:

1. P5	DPRK (North Korea)	11. 3Y/B	Bouvet Island
2. BS7H	Scarborough Reef	12. ZS8	Prince Edward & Marion Islands
3. CE0X	San Felix Islands	13. KH4	Midway Island
4. BV9P	Pratas Island	14. VK0M	Macquarie Island
5. KH7K	Kure Island	15. PY0S	Saint Peter And Paul Rocks
6. KH3	Johnston Island	16. KP5	Desecheo Island
7. FT/G	Glorioso Island	17. VP0S	South Sandwich Islands
8. 3Y/P	Peter 1 Island	18. KH5	Palmyra & Jarvis Islands
9. FT5/X	Kerguelen Island	19. ZL9	New Zealand Subantarctic Islands
10. YV0	Aves Island	20. FK/C	Chesterfield Islands

For the complete list, see <https://clublog.org/mostwanted.php>

-[K0CF April 12, 2024] (0412-0426)

**E6, NIUE.** Gavin, ZL3GAV will be QRV as **E6SP** from **April 16th to 28th**. Activity will be holiday style on 160 to 6 meters using SSB, SSTV, FT8, and FT4 in DXpedition mode, with the possibility of CW and RTTY. QSL via LoTW (preferred), or direct to [EA5GL](mailto:EA5GL).

-[ARRL DX Bulletin # 15 April 11, 2024] (0412-0503)

**EA, SPAIN.** The Union de Radioaficionados Espanoles, Spain's IARU member society, was founded on April 1, 1949. Celebrating URE's 75th anniversary, a month-long activity will take place from **April 1st to 30th**. Look for AO75URE and 18 other special stations representing the Autonomous Communities and Autonomous Cities of the country:

<b>AO75AN</b> Andalucia	<b>AO75GA</b> Galicia
<b>AO75AR</b> Aragon	<b>AO75IB</b> Islas Baleares, EA6
<b>AO75CA</b> Cantabria	<b>AO75IC</b> Islas Canarias, EA8
<b>AO75CL</b> Castilla y Leon	<b>AO75LR</b> La Rioja
<b>AO75CM</b> Castilla-La Mancha	<b>AO75MA</b> Madrid
<b>AO75CT</b> Cataluna	<b>AO75MC</b> Melilla and Ceuta, EA9
<b>AO75CV</b> Comunidad Valenciana	<b>AO75MU</b> Murcia
<b>AO75EU</b> Euskadi i.e. Basque Country	<b>AO75NA</b> Navarra
<b>AO75EX</b> Extremadura	<b>AO75PA</b> Principado de Asturias

In addition, **CQ75URE** will be active from Portugal. A large number of awards will be available: see <https://75aniversario.ure.es> for detailed information, log search and OQRS (to be activated after April 30).

-[425DXN # 1716 March 23, 2024] (0329-0503)

**EL, LIBERIA.** The Czech DXpedition Group (OK1BOA, OK1CRM, OK1FCJ, OK1GK, OK2ZA, OK2ZC, OK2ZI and OK6DJ) will be active as **A8OK** from Liberia from **April 5th to 19th**, with "full operation" expected on April 9th-16th. They will operate SSB, CW and digital modes (RTTY, FT8, FT4, PSK) with several stations on 160-6 meters and via satellite. Subject to Internet availability, they will use ClubLog's Livestream. See

<https://www.cdxp.cz/> and bookmark

<https://www.facebook.com/groups/1472348776313779> for more information and updates. QSL via LoTW, [ClubLog's OQRS](https://www.clublog.org/qors/), or via [OK6DJ](mailto:OK6DJ).

-[425DXN # 1713 March 2, 2024] (0405-0419)

**ER, MOLDOVA.** Special callsign **ER30ARM** celebrates the 30th anniversary of the Amateur Radio Society of Moldova (ER1KAA). Look for activity from March 20th to April 30th. QSL via the bureau, direct to [ER30ARM](mailto:ER30ARM), and LoTW.

-[425DXN # 1716 March 23, 2024] (0322-0503)

**F, FRANCE.** Dominique, F5PTI will be active as **TM500NA** on **April 14th-28th** to memorialize the 500th anniversary since the first European explorer, Giovanni da Verrazzano, visited nowadays New York City area and named it New Angouleme. QSL via

**F5PTI.**

-[425DXN # 1718 April 6, 2024] (0412-0503)

**F, FRANCE.** Special callsign **TM83JO** will be active for fifteen days from **April 16th**, when the Olympic flame is lit in Greece, **until July 26th**, when the flame ends its journey by lighting the Olympic cauldron at the Paris 2024 Opening Ceremony of. Look for activity on 80-6 meters SSB, CW and digital modes, as well as via QO-100. QSL via the bureau, LoTW, eQSL.

-[425DXN # 1718 April 6, 2024] (0412-0728)

**FH, MAYOTTE.** Marek, FH4VVK is QRV as **TO4VV** until **April 14th**. Activity is on the HF bands using SSB and FT8. QSL via [FH4VVK](#) and [ClubLog's OQRS](#).

-[ARRL DX Bulletin # 15 April 11, 2024] (0412-0419)

**FO/A, AUSTRAL I.** Jeff, K5WE and Craig, W5CCP will be active as **TX7W** from Raivavae (OC-114), Austral Islands on **April 16th-30th**. They will operate mainly CW and FT8 (multi stream mode, not F/H), with some SSB, RTTY and FT4, on 160-6 meters. Depending upon a reliable Internet connection, logs will be uploaded to ClubLog daily, and ClubLog's Livestream will be enabled. See <https://k5we.com/tx7w/> for more information and updates. QSL via [ClubLog's OQRS](#) (preferred), LoTW, or direct to [K5WE](#).

-[425DXN # 1711 February 17, 2024] (0412-0503)

**FR, REUNION I.** Giovanni, IZ2DPX will be QRV from **April 7th to 18th** as **TO7PX**. Look for him using SSB and FT8 on 40, 30, 20, 17, 15, 12, 10 and 6 Meters. QSL via [IK2DUW](#).

-[ARRL DX Bulletin # 11 March 14, 2024] (0405-0419)

**FY, FRENCH GUIANA.** Operators at club station FY5KE are QRV as **TO6ØCSG** each weekend in April, May, and June to celebrate the 60th anniversary of the Guiana Space Centre. See detailed information at [TO6ØCSG](#). QSL direct to [FY5KE](#).

-[ARRL DX Bulletin # 14 April 4, 2024] (0405-0630)

**GM, SCOTLAND.** A team of five (namely GØAZE, GØVQO, MØEBJ, MØGLV and MØKVK) will be active as **GBØSIC** from the Isle of Coll (EU-008) on **April 15th-20th**. They will operate SSB, CW and FT8/FT4 on "most bands". Plans are to operate from all of the four WAB squares on the island. See [GBØSIC](#) on qrz.com for more information. QSL via LoTW, [ClubLog's OQRS](#), or direct to [GØAZE](#).

-[425DXN # 1717 March 30, 2024] (0412-0419)

**H4, SOLOMON IS.** Bernhard, DL2GAC will be active again as **H44MS** from Malaita (OC-047), Solomon Islands from around **February 10th until April 25th**. He will be QRV daily, with activity on 160-6 meters SSB and some FT8. He will upload his log to ClubLog and LoTW. QSL via [DL2GAC](#), direct or bureau.

-[425DXN # 1707 January 20, 2024] (0209-0426)

**HB, SWITZERLAND.** Celebrating the 150th anniversary of the birth of Guglielmo Marconi, members of the USKA's Valais/Wallis Section will be active as **HB15ØGM** **between April and December**. QSL via the bureau to [HB9Y](#).

-[425DXN # 1719 April 13, 2024] (0412-0503)

**HB, SWITZERLAND.** Special callsign **HB5ØVC** celebrates the 50th anniversary of the Radio Amateur Club Swissair (HB9VC) from **March 18th to December 31st**. QSOs will be uploaded to LoTW; QSL cards will not be provided, but a certificate will be available for download: <https://award.dl1run.de/award/hb50vc/awardform.html>

-[425DXN # 1717 March 30, 2024] (0329-0419)

**HI, DOMINICAN REPUBLIC.** Special callsign **HI18ØRD** celebrates the 180th anniversary since the Dominican Republic declared its independence from Haiti (February 27, 1844). Look for activity on all bands and modes beginning **February 27th until April 30th**. Some 25 operators from five radio clubs will be part of the event. A certificate will



be available, see <https://independencia2024.org/> for information.

-[425DXN # 1713 March 2, 2024] (0301-0503)

**HR, HONDURAS.** John, AD8J will be QRV as **HR9/AD8J** from Roatan, IOTA NA-057, **beginning April 14th**. Activity will be on 80 to 6 meters using CW, FT8, FT4, and possibly SSB. QSL via LoTW.

-[ARRL DX Bulletin # 15 April 11, 2024] (0412-0503)

**I, ITALY.** Special callsign **II1GM** will be used on **April 1st-30th** to celebrate the 150th anniversary of the birth of Guglielmo Marconi. Various operators will be QRV from different call areas (e.g. **II1GM/1**, **II1GM/2**, **II1GM/ISØ**, **II1GM/IT9**, etc.). See <https://www.qrz.com/db/II1GM> for more information. QSL via eQSL, or direct to [IK1VHX](mailto:IK1VHX).

-[425DXN # 1717 March 30, 2024] (0329-0503)

**I, ITALY.** Celebrating the 150th anniversary of the birth of Guglielmo Marconi, members of ARI Montegrappa (IQ3RP) will be active as **II3GM** from **April 15th to May 15th**. QSL via operator's instructions.

-[425DXN # 1719 April 13, 2024] (0412-0517)

**I, ITALY.** Launched in 1904, the "Elettra" was a two-masted steam yacht that Guglielmo Marconi used as a floating laboratory. Members of ARI Loano (IQ1LA) & Marconi Club will be active as **IY1EY** on **April 1st-14th** to memorialize the experiments conducted in the Ligurian Sea between 1919 and 1936. QSL via [IQ1LA](mailto:IQ1LA).

-[425DXN # 1716 March 23, 2024] (0329-0419)

**I, ITALY.** Members of ARI Venezia (IQ3VE) will be active as **IR3POLO** from **April 1st to June 30th**. The special callsign commemorates the 700th anniversary since the death of Marco Polo, the Venetian merchant and explorer who travelled through Asia along the Silk Road (1271-1295). All QSOs will be confirmed automatically via the bureau.

-[425DXN # 1716 March 23, 2024] (0329-0630)

**I, ITALY.** Special callsign **II4CLM** will be active on **April 1st-30th** in celebration of the 150th anniversary of the birth of Guglielmo Marconi. Joining the celebrations will be **IY4FGM** (the amateur radio station at the Guglielmo Marconi Foundation) and the club stations of the 17 ARI branches in the Emilia-Romagna region (namely **IQ4AD**, **IQ4AX**, **IQ4BQ**, **IQ4DJ**, **IQ4FA**, **IQ4FC**, **IQ4FD**, **IQ4FE**, **IQ4FH**, **IQ4FJ**, **IQ4HI**, **IQ4LH**, **IQ4PI**, **IQ4RA**, **IQ4RE**, **IQ4RN** and **IQ4SC**). Further information, including real time log search, can be found on <https://www.150marconi.org/>. QSL via the bureau.

-[425DXN # 1715 March 16, 2024] (0329-0503)

**I, ITALY.** Members of ARI Sondrio (IQ2UL) will operate special event station **II2AUT** from **March 25th to May 7th** for the World Autism Awareness Day. Back in 2007 the United Nations General Assembly declared April 2nd as World Autism Awareness Day to highlight the need to help improve the quality of life of autistic individuals so they can lead full and meaningful lives as an integral part of society. QSOs will be uploaded to ClubLog. QSL via the bureau and eQSL.

-[425DXN # 1715 March 16, 2024] (0322-0510)

**JW, SVALBARD.** Kaare, LA8EKA will be active as **JW8EKA** from the Svalbard Amatorradioklubb in Longyearbyen (EU-026) on **April 18th-21st**. He will operate SSB and digital modes (FT8, PSK31, RTTY) on 80-10m. QSL direct to [LA8EKA](mailto:LA8EKA).

-[425DXN # 1719 April 13, 2024] (0412-0426)

**OK, CZECH REPUBLIC.** In celebration of World Amateur Radio Day (April 18th), Martin, OK1RR and Slavek, OK1TN will be active as **OL1WARD** on **April 1st-30th**. They will operate CW only on the HF bands. QSL via LoTW; paper cards will not be available.

-[425DXN # 1715 March 16, 2024] (0329-0503)

**ON, BELGIUM.** Special event stations **OR24WARD** and **OP24WARD** will be active on all bands and modes on **April 1st-30th** in celebration of World Amateur Radio Day (April 18th). A certificate will be available, see <https://www.uba.be/en/hf/awards/uba-awards>. QSL via [ClubLog's OQRS](#), or via eQSL.  
-[425DXN # 1715 March 16, 2024] (0329-0503)

**OZ, DENMARK.** Dieter, DF2SD will be QRV as **OV9R** from Fano Island (EU-125) on **April 13th and 14th** for the IG-RY World Wide RTTY Contest. QSL to [DF2SD](#).  
-[ARRL DX Bulletin # 15 April 11, 2024] (0412-0419)

**OZ, DENMARK.** In celebration of World Amateur Radio Day, a number of Danish stations will be signing **SPØWARD/xx** with different suffix extensions on **April 18th**. An award will be available, see <https://www.qrz.com/db/5p0ward> for information. QSL via [ClubLog's OQRS](#) and LoTW, or via [OZ1ACB](#).  
-[425DXN # 1717 March 30, 2024] (0412-0419)

**PA, NETHERLANDS.** To mark the 75th anniversary of the North Atlantic Treaty Organization (April 4, 1949), special event stations **PA75OTAN** and **PA75NATO** will be active on **April 1st-19th** and **April 20th-21st**, respectively. A certificate will be available, see <https://www.qrz.com/db/PA75NATO> for information. QSLs via [ClubLog's OQRS](#), LoTW, eQSL, or via the bureau.

Additionally, during the weekend of **April 20th-21st**, several other special stations are expected to be QRV from various Cold War locations in the Netherlands: **PA6KLD**, **PA75BBGB**, **PA75GOLF**, **PA75HS**, **PA75KLE**, **PA75KOC**, **PA75NAVO**, **PA75NN**, **PA75NSG**, **PA75PARE**, **PA75PBV**, **PA75YP**, **PC75NAVO**, **PD75SAS**, **PE75NATO**, **PG75NAVO** and **PH75NATO**. (<https://pa60cuba.nl/pa75navo-zendstations/>).  
-[425DXN # 1717 March 30, 2024] (0329-0426)

**PJ4, BONAIRE.** TJ, PE1OJR will be QRV as **PJ4TB** from **April 13th to 28th**. Activity will be on 40 to 6 meters using SSB, FT8, and FT4. QSL via LoTW.  
-[ARRL DX Bulletin # 15 April 11, 2024] (0412-0503)

**SV, GREECE.** Celebrating the 100th anniversary of the Second Hellenic Republic, several operators will be active as **SX1ØØD** from **April 13th to 21st**. Look for activity on 160-2 meters SSB, CW and digital modes. A certificate will be available for download on <https://sv2rck.gr/SX100D/>. QSL via LoTW, eQSL, [ClubLog's OQRS](#), or direct to [SV2GWY](#).  
-[425DXN # 1718 April 6, 2024] (0412-0426)

**SV, GREECE.** Special callsign **SZØWARD** celebrates World Amateur Radio Day by the Radio Amateur Association of Greece to on **April 15th-30th**. Look for activity on all bands SSB, CW and digital modes. See <https://sv2rck.gr/SZ0WARD> for the certificate. QSL via the bureau and LoTW.  
-[425DXN # 1717 March 30, 2024] (0412-0503)

**T5, SOMALIA.** Alex, IT9HRK is QRV as **T5/IT9HRK** from Mogadishu. Activity is on 80 to 10 meters using all modes. **His length of stay is unknown**. QSL via operators' instructions.  
-[ARRL DX Bulletin # 14 April 4, 2024] (0405-0426)

**T8, PALAU.** Nobu, JAØJHQ will be active again as **T88PB** from Koror (OC-009), Palau from **April 12th to 15th**, with main activity during the CW leg of the Japan International DX Contest (from 0700 UTC on April 13th to 1300 UTC on April 14th, <http://jidx.org/>). QSL via LoTW (preferred), or direct to [JAØJHQ](#).  
-[425DXN # 1718 April 6, 2024] (0412-0419)

**TA, TURKEY.** In celebration of World Amateur Radio Day, members of TRAC Izmir will be active as **TC3WRD** from **April 1st to 30th**. A certificate will be available, see <https://tadx.org/awards>. QSL via LoTW.  
-[425DXN # 1717 March 30, 2024] (0329-0503)

**TI, COSTA RICA.** Reiner, DL2AAZ, operates holiday-style from **April 5th to 20th** as **TI2/DL2AAZ** on 40-10m (CW, SSB). QSL via [DL2AAZ](#).  
-[DXNL # 2400 April 3, 2024] (0405-0426)

**TT, CHAD.** Six operators of the Italian DXpedition Team (Franco I1FQH, Alfeo I1HJT, Tony I2PJA, Silvano I2YSB, Angelo IK2CKR and Stefano IK2HKT) will be active as **TT8RR** (SSB, CW and RTTY), **TT8XX** (FT8) and **TT8TT** (callsign for QSOs via QO-100) from Chad on **April 17th-30th**. They will run four stations on 80-6 meters, plus one station dedicated to satellite. Operations will start on FT8 (F/H at first, and normal mode on standard frequencies when the pileup decreases), other modes will follow. The hottest period of the year approaches (temperatures expected to reach 43 degrees Celsius in the shade) and the team has already taken measures by procuring an additional backup power generator, as the on-site generator will not be able to run 24/7. See <http://www.i2ysb.com/idx/> for more information, band plan and OQRS for direct cards included. QSL via [I2YSB](#).  
-[425DXN # 1719 April 13, 2024] (0412-0503)

**V5, NAMIBIA.** Gunter, DK2WH is QRV as **V51WH** near Omaruru **until April 30th**. Activity is on 160 to 10 meters. QSL to [DK2WH](#).  
-[ARRL DX Bulletin # 15 April 11, 2024] (0412-0503)

**V6, MICRONESIA.** Kevin, N4DVR plans to be QRV as **V6DVR** **until April 20th**. Activity is on 20 to 10 meters using SSB. QSL via LoTW.  
-[ARRL DX Bulletin # 15 April 11, 2024] (0412-0419)

**VE, CANADA.** Radio Amateurs of Canada is once again holding a "Get on the Air on World Amateur Radio Day" special event in which it encourages as many amateurs as possible to contact as many RAC stations as possible. Operating across Canada from 0000 UTC to 2359 UTC on April 18th, the RAC official stations will be **VA2RAC, VA3RAC, VE1RAC, VE4RAC, VE5RAC, VE6RAC, VE7RAC, VE8RAC, VE9RAC, VO1RAC, VO2RAC, VYØRAC, VY1RAC** and **VY2RAC**. Those contacting one or more RAC stations, on any band and mode, will be eligible for a certificate: <https://www.rac.ca/certificates/>. QSL via LoTW or via the bureau.  
-[425DXN # 1719 April 13, 2024] (0412-0419)

**VE, CANADA.** Rikk, WE9G will be active as **WE9G/VYØ** from Iqaluit, Baffin Island (NA-047) on **April 11th-16th**. Depending on conditions, he will operate FT8, FT4 and SSB on 80-10 meters. QSL cards will not be provided, but QSOs will be uploaded to LoTW, ClubLog and eQSL.  
-[425DXN # 1717 March 30, 2024] (0405-0419)

**VE, CANADA.** Celebrating the 100th anniversary of the Royal Canadian Air Force, from **April 1st to 30th** amateur radio operators across Canada will be operating special event stations with special callsigns such as **VC3RCAF** and **VE3RCAF** (Ontario), **VC9RCAF** and **VE9RCAF** (New Brunswick), **VE2RCAF** (Quebec), **VE5RCAF** (Saskatchewan), **VE6RCAF** (Alberta), **VE7RCAF** (British Columbia), **VO1RCAF** (Newfoundland), **VY2RCAF** (Prince Edward Island). QSL via operators' instructions.  
-[425DXN # 1717 March 30, 2024] (0329-0503)

**VK, AUSTRALIA.** A team of six Australians (Chris VK5FR, Adam VK5GA/VK2YK, Grant VK5GR, Ivan VK5HS, Andy VK5LA and Paul VK5PAS) will be active as **VK5FIL** from Flinders Island (OC-261) on **April 14th-21st**. This IOTA group has not been activated since 2013. They will operate all modes from 160m to 70cm, including both terrestrial and satellite modes. QSL via [MØOXO's OQRS](#). Bookmark <https://www.vk5fil.com/> for more information and updates.  
-[425DXN # 1707 January 20, 2024] (0412-0426)

**VP2M, MONTSERRAT.** After his Antigua activity, Michael, DF8AN will be QRV as **VP2MMN** from **April 9th to 17th**. QSL to [DF8AN](#).  
-[ARRL DX Bulletin # 14 April 4, 2024] (0405-0419)

**VP6, PITCAIRN I.** Gerben PG5M will be active as **VP6G** from Pitcairn Island (OC-044) on **April 4th-14th**. He will operate CW and FT8 on 40-10 meters: "I will run two stations (if antenna situation permits), primarily CW and additionally FT8 using MSHV", he says. See <https://dx.to/vp6g/> for more information. QSL via [MØQXO's OQRS](#) and LoTW.  
-[425DXN # 1711 February 17, 2024] (0329-0419)

**XE, MEXICO.** Jose Manuel, **XF3AB**, resides on Carmen Island (NA-135) and is active most nights on 40m and during weekends on 10m (SSB). QSL via [EA5GL](#).  
-[DXNL # 2400 April 3, 2024] (0405-0426)

**XW, LAOS.** Vincent, **XW4KV** is QRV from Vang Vieng **until June 1st**. Lately he has been active on 15 meters using FT8 around 1100z. QSL via [F4BKV](#).  
-[ARRL DX Bulletin # 12 March 21, 2024] (0322-0602)

**YO, ROMANIA.** Celebrating the 95th anniversary of the first amateur radio association in Romania's Arad County, special call signs **YR95AR**, **YR95CC**, **YR95CH**, **YR95IN**, **YR95LI**, **YR95PE** and **YR95SE** will be active from **February 16th until May 31st**. The event is being organized by C.S. Radioclub Admira (YO2KBQ), the successor of the club that was established almost a century ago. See <https://www.qrz.com/db/YR95AR> for more information.  
-[425DXN # 1711 February 17, 2024] (0216-0531)

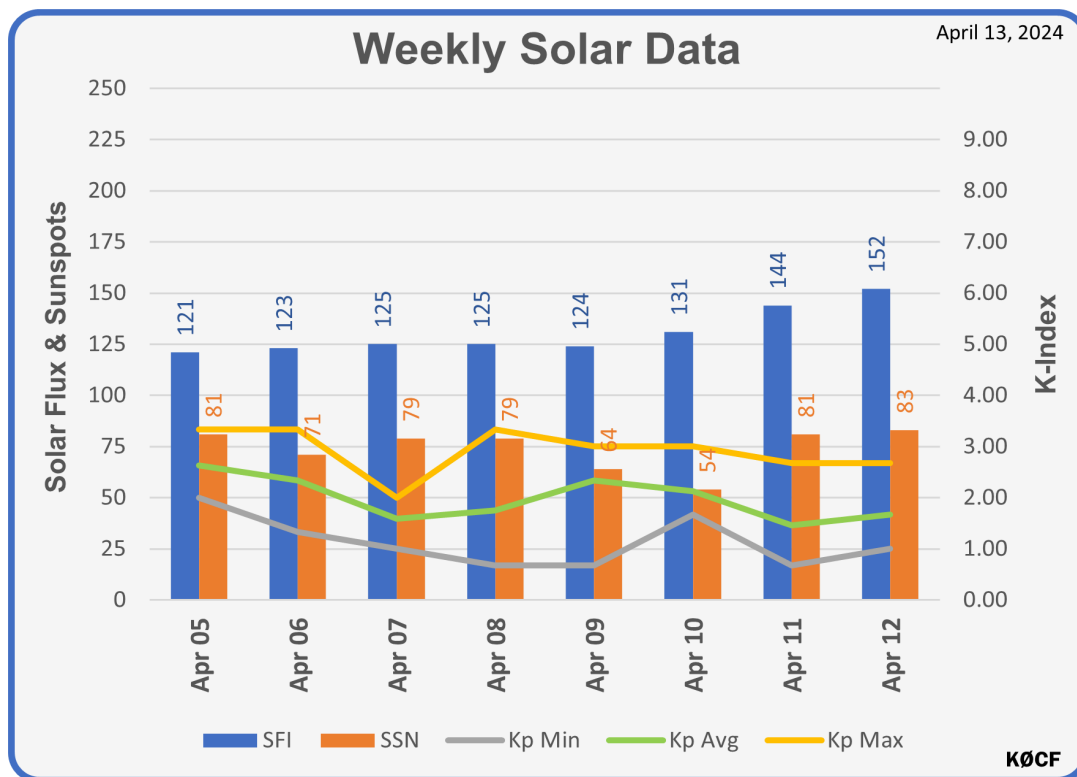
**YU, SERBIA.** Organized amateur radio in Serbia began with the founding of the "Society of Friends of Radio Telegraphy and Radio Telephony" on July 15, 1924 in Belgrade. Celebrating 100 years of Amateur Radio in the region, the Amateur Radio Union of Serbia (YU1SRS) will be active as **YT1ØØR** and **YU1ØØR** from **April 1st to December 1st**. A certificate will be available: <https://www.radiosport.yu1srs.org.rs/>.  
-[425DXN # 1718 April 6, 2024] (0405-0426)

**ZS, SOUTH AFRICA.** Roberto "Bob", PB5X, operates holiday-style as **ZS6/PB5X** from **April 12th to 21st**. QSL via [PA1AW](#), LoTW.  
-[DXNL # 2401 April 10, 2024] (0412-0426)

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## Propagation (Updated daily)





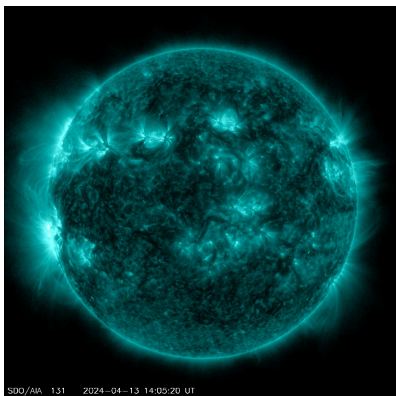
The Weekly Solar Data chart plots Solar Flux Index (SFI), Sunspot number (SSN) and Planetary K-Index (Kp) for the past 8 days. With 8 Planetary K-index readings each day, only the minimum, average and maximum K-index values are plotted. **Note:** You may click [here](#) or on the chart above to see the same data for the past month.

The Daily Solar Flux Index, Sunspot number, Planetary K-index, Solar Flux predictions and Solar Flare data used in this bulletin have been collected by KØCF from the U.S. Department of Commerce's NOAA Space Weather Prediction Center.

The propagation graphs above are the creations of KØCF and are unique in space weather reporting.

*Please Note: The graphs are high resolution .PNG files which you may view in greater detail using your browser's "zoom" feature. Alternatively, right click on the graph and select "Open Image in New Tab" to enlarge it, or "Save Image As..." to save it to your computer for further analysis.*

NASA's current view of the Sun at a wave-length of 131 Angstroms. This wavelength shows incredible solar detail.



Click [here](#) or on the image to view as a full screen 48-hour video loop. It is fascinating!

## Propagation Summary

For the 8 day period from Friday, April 5th through yesterday, April 12th.

The average solar flux was 132, up 9 points from the previous week, with a weekly high

of 152 on Friday, April 12th, following a low of 121 on April 5th.

The average sunspot count was 73, up 20 from last week, peaking at 83 on Friday, April 12th after a weekly low of 54 on April 10th.

The Planetary K-index weekly average was 2.9 with a maximum of 3.3 on Monday, April 8th, resulting in generally quiet geomagnetic conditions.

Solar flare activity since April 6th has been quiet with only 2 major flares, the largest of which was an M 5.4 event on Thursday, April 11th.

## Propagation Data

Major solar flares, Saturday, April 6th through 1235 UTC, April 13th.

#	Date	UTC	Mag.
1	Apr 13	0502	M 2.4
2	Apr 11	1706	M 5.4

(NOAA's graph of recent flare activity: [GOES-X-Ray-Flux](#))

From the NOAA Space Weather Prediction Center, here are the probabilities of major solar flares and the predicted 10.7 cm Solar Flux for the next 3 days. NOAA updates this information daily.

Date	M-Flares	X-Flares	Solar Flux
Apr 13	35%	1%	154
Apr 14	35%	1%	156
Apr 15	35%	1%	158

Looking farther ahead, here is the NOAA Space Weather Prediction Center forecast of 10.7 cm radio flux and maximum Planetary K-index (Kp) for the next 12 days. This data is updated by NOAA every Monday (last updated on April 8, 2024).

Date	Flux	Kp
Apr 13	145	2
Apr 14	140	3
Apr 15	135	3
Apr 16	140	3

Date	Flux	Kp
Apr 17	140	3
Apr 18	140	2
Apr 19	145	2
Apr 20	135	2

Date	Flux	Kp
Apr 21	125	2
Apr 22	150	2
Apr 23	150	2
Apr 24	145	2

## The Quiet Has Ended

After more than a week of relative quiet, the sun produced an impulsive M5.4-class solar flare on April 11th (1706 UTC). The source of the blast was just behind the sun's northeastern limb. This means an active sunspot may be hiding behind the edge of the solar disk, turning to face Earth this weekend.

(Copyright © [SpaceWeather.com](#) April 11, 2024. Republished by permission.)

## Highs for Cycle 25

Solar Flux: 234 on January 15, 2023.

Sunspots: 227 on July 11, 2023.

## Popular Propagation web sites

<https://prop.kc2g.com/> (Excellent Maximum Usable Frequency map)

NOAA <https://www.swpc.noaa.gov/>  
<https://www.spaceweather.com/>  
<https://www.solarham.net/>  
<https://dx.qsl.net/propagation/>

## A Propagation Tutorial

The solar X-ray flux tracks solar activity and solar flares. Solar flux, which can vary from as low as 50 to as high as 300, influences the level of ionization in the F2 region of the ionosphere, providing a very good prediction of HF DX conditions. The higher the solar flux, the better conditions will be for the higher HF frequencies and even 6 meters. However, the levels need to be maintained for some days to allow ionization in the F2 layer to build up. A solar flux of 150 results in good HF band conditions, while levels of 200 and up can provide great conditions.

Large X-ray flares on the sun can increase the ionization of the D layer of the ionosphere (a lower layer) on the sunlit side of the Earth, greatly attenuating or blocking HF radio transmissions for up to a half hour. Solar flares often produce Coronal Mass Ejections (CMEs) which, if Earth directed, can lead to geomagnetic storms. Some large flares are also accompanied by strong radio bursts that may interfere with other radio frequencies and cause problems for satellite communication and radio navigation (GPS).

The Planetary K-index is a measure of the magnitude of geomagnetic storms and is an excellent indicator of disturbances in the Earth's magnetic field. A level of 1 or 2 represents quiet geomagnetic conditions; a reading of 3 or 4 may cause some propagation deterioration; 5 and 6 are minor to moderate geomagnetic storms; and 7 to 9 are strong, severe, and extreme storm conditions. Strong geomagnetic storms can trigger Auroral displays and cause HF radio blackouts. Higher geomagnetic activity also has the adverse effect of lowering maximum usable frequencies, much like lower solar flux does.

For best conditions, the solar flux should be above 150 for a few days with the K index below 2. When these conditions are met, some good DX is likely!

-[Compiled from information on NOAA.gov and other sources]

## Contest Calendar

### Weekly Contests

Contest	Start UTC	End	Web Site
K1USN Slow Speed Test	Monday	0000Z 0100Z	<a href="#">Rules</a>
ICWC Medium Speed Test	Monday	1300Z 1400Z	<a href="#">Rules</a>
	Monday	1900Z 2000Z	
	Tuesday	0300Z 0400Z	
CWops Test (CWT)	Wednesday	1300Z 1400Z	<a href="#">Rules</a>
	Wednesday	1900Z 2000Z	
	Thursday	0300Z 0400Z	
	Thursday	0700Z 0800Z	
Weekly RTTY Test	Friday	0145Z 0215Z	<a href="#">Rules</a>
NCCC CW Sprint (NS)	Friday	0230Z 0300Z	<a href="#">Rules</a>

Note: Start Days are in UTC, e.g. Monday at 0000 UTC is  
 Sunday at 7:00 PM in the Central Daylight Saving Time zone, or  
 Sunday at 6:00 PM in the Central Standard Time zone.

## Full Calendar

Contest	Start		End		Web Site
JIDX CW Contest	Apr 13	0700Z	Apr 14	1300Z	<a href="#">Rules</a>
New Mexico QSO Party	Apr 13	1400Z	Apr 14	0200Z	<a href="#">Rules</a>
Georgia QSO Party	Apr 13	1800Z	Apr 14	2359Z	<a href="#">Rules</a>
Holyland DX Contest	Apr 19	2100Z	Apr 20	2100Z	<a href="#">Rules</a>
YU DX Contest	Apr 20	0700Z	Apr 21	0659Z	<a href="#">Rules</a>
CQMM DX Contest	Apr 20	0900Z	Apr 21	2359Z	<a href="#">Rules</a>
Michigan QSO Party	Apr 20	1600Z	Apr 21	0400Z	<a href="#">Rules</a>
Ontario QSO Party	Apr 20	1800Z	Apr 21	1800Z	<a href="#">Rules</a>
ARRL Rookie Roundup, SSB	Apr 21	1800Z	Apr 21	2359Z	<a href="#">Rules</a>
10-10 Int. Spring Contest, Digital	Apr 27	0001Z	Apr 28	2359Z	<a href="#">Rules</a>
SP DX RTTY Contest	Apr 27	1200Z	Apr 28	1200Z	<a href="#">Rules</a>
Helvetia Contest	Apr 27	1300Z	Apr 28	1259Z	<a href="#">Rules</a>
Florida QSO Party	Apr 27	1600Z	Apr 28	2159Z	<a href="#">Rules</a>
10-10 Int. Spring Contest, CW	May 4	0001Z	May 5	2359Z	<a href="#">Rules</a>
7th Call Area QSO Party	May 4	1300Z	May 5	0700Z	<a href="#">Rules</a>
Indiana QSO Party	May 4	1600Z	May 5	0400Z	<a href="#">Rules</a>
Delaware QSO Party	May 4	1700Z	May 5	2359Z	<a href="#">Rules</a>
New England QSO Party	May 4	2000Z	May 5	2400Z	<a href="#">Rules</a>
CQ-M International DX Contest	May 11	1200Z	May 12	1159Z	<a href="#">Rules</a>
His Maj. King of Spain Contest, CW	May 18	1200Z	May 19	1200Z	<a href="#">Rules</a>
Arkansas QSO Party	May 18	1400Z	May 19	0200Z	<a href="#">Rules</a>
Baltic Contest	May 18	2100Z	May 19	0200Z	<a href="#">Rules</a>
<b>CQ WW WPX Contest, CW</b>	May 25	0000Z	May 26	2400Z	<a href="#">Rules</a>
Kentucky QSO Party	Jun 1	1300Z	Jun 2	0100Z	<a href="#">Rules</a>
ARRL Inter. Digital Contest	Jun 1	1800Z	Jun 2	2400Z	<a href="#">Rules</a>
ARRL June VHF Contest	Jun 8	1800Z	Jun 10	0300Z	<a href="#">Rules</a>
Stew Perry Topband Challenge	Jun 15	1500Z	Jun 16	1500Z	<a href="#">Rules</a>
West Virginia QSO Party	Jun 15	1600Z	Jun 16	0400Z	<a href="#">Rules</a>
ARRL Kids Day	Jun 15	1800Z	Jun 15	2359Z	<a href="#">Rules</a>
His Maj. King of Spain Contest, SSB	Jun 22	1200Z	Jun 23	1200Z	<a href="#">Rules</a>
Ukrainian DX DIGI Contest	Jun 22	1200Z	Jun 23	1200Z	<a href="#">Rules</a>
<b>ARRL Field Day</b>	Jun 22	1800Z	Jun 23	2100Z	<a href="#">Rules</a>
RAC Canada Day Contest	Jul 1	0000Z	Jul 1	2359Z	<a href="#">Rules</a>
<b>IARU HF World Championship</b>	Jul 13	1200Z	Jul 14	1200Z	<a href="#">Rules</a>

-[Contest data courtesy of the [WA7BNM Contest Calendar](#) ]

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